



SWARC NEWS

Notes from K7RLH

Welcome to the September 2021 newsletter. I will continue to send out emails with current news rather than only touching base once a month via this document.

I hope you all enjoyed the presentation that I reviewed on propagation and how it affects our HF transmissions. Of course, the original presenter, Carl Luetzelschwab, K9LA, did a much better job when he spoke at a recent RARS meeting.

This past Saturday, the 4th, we held our second testing session at the American Legion. I spoke with our Laurel Regional Coordinator afterward and our exam paperwork was deemed 'perfect' due to efforts of all present. We added three new Technicians and two new Generals to the ham community!

I want to encourage all of you to do four things: Go to fivecountyhre.org and register for news of interest to new/old hams, and, go to dxengineering.com and sign up for their 'On All Bands' email newsletters, which most often have topics of interest to hams of all experience levels. Thirdly, I encourage you to renew your membership if you have not already done so. In addition, if you are an ARRL member, I thank you. If not, I encourage you to join as our club is required to maintain 51% ARRL membership to be an affiliated club and there's

lots of useful info on their website that has 'members only' access. ARRL is our voice to the FCC and other government agencies regarding protection of frequency spectrums that we hams like to use.

Look for other info in the body of the newsletter.
SWARC de K7RLH

Notes from KB4NC

Nothing to add at this time; stay tuned for program updates

73's,
Manny KB4NC

SWARC 1 September 2021 Meeting Minutes

The meeting was called to order at 7:00 pm by President Richard Hall, K7RLH. As a reminder we are now holding our meetings at 7pm on the first Wednesday of every month in Building 2 on the Legion complex. Richard led us in the Pledge of Allegiance.

We had very good attendance - almost to pre-pandemic in person levels - with 18 total attendees present (4 on Zoom and 14 in person) during the course of the meeting including:

Richard Hall (K7RLH), Brian Knox (KK4BK), Bill Blomgren (KK4QDZ), Andy McDaniel (KN4JJU), Al Crawford (WA4TCJ), Linda Crawford (KI4LO), Steve Mowels (KA0GMY), Bernie Jones (N4BAJ), Mike Gaither (K4MWG), Manny Garcia (KB4NC), Gary Plante (KO4LQX), Dave Yow (K4MSE), Mike Callam (KD4MC), Velda Callam (K4VJC), Christy Fernandini (KJ4AEO), Sandy Gerli (AC1Y), Ken Castille (KN4GUS), and Dianne Young (KE4VNX).

Financial Report:

Christy provided a financial report to the members noting that the club has \$2,240.91 in the bank as of September 1st. She is in possession of one check which has not yet been cashed. Several members reported that raffle ticket sales are going well with cumulative total sales of approximately \$700 to date (not all of which has been turned in to Christy yet). Richard plans to print another 100 raffle tickets. If you have any unsold tickets you would like to turn back in please see Richard. If you need to renew your club membership or are interested in joining for the first time please visit our website at: <http://www.southwakearc.com/membership>. A full annual membership is \$30, an associate membership is \$20, additional family members can be added on to your membership for only \$5. Your support is greatly appreciated!

Old Business: None.

New Business:

As noted above, raffle ticket sales are going well and it is time to start thinking about the next raffle starting in the

new year. We are open to ideas on what to raffle off. Suggestions offered during the meeting included a DMR hotspot or DMR radio, or possibly a Visa gift card to broaden the appeal of the raffle to non-hams. There are several upcoming HamFests of general interest to members and which also offer an opportunity to sell raffle tickets. First, the next AB4OZ SwapFest (Allan Pitegoff) is scheduled for September 18th and has a new location at the Golden Corral rear parking lot at 3551 Grenelle Street, Raleigh, NC 27603. The W4NC FallFest sponsored by the Forsyth Amateur Radio Club will be held in Winston-Salem on October 16th. And finally, KD4MC announced that the 32nd Annual JARSfest will be held November 21st at the American Legion Building in Benson, NC.

On a more personal note Richard informed the members that Kenny Southern's (KJ4CVK) older sister recently passed away. In recent months Kenny has gone through a rough stretch. The club is arranging to have flowers sent over to him. If you are interested in sending Kenny a card to help brighten his day his mailing address is: 475 Long Leaf Dr. Lillington, NC 27546. Gary Plante (KO4LQX), our Membership Director, attended this month's meeting and reported that he has undergone the first treatment for his throat cancer. He'll undergo additional treatments every three weeks. Gary reports that so far, so good and he is doing well. We're all rooting for a successful outcome!

Main Presentation:

"Introduction to HF Propagation" by Carl Luetzelschwab (K9LA) and presented by Richard Hall (K7RLH).

At the July RARS meeting Carl gave a presentation on the basics of HF propagation. Richard attended the RARS meeting and thought our club would also enjoy this presentation so he gave a 'rebroadcast' for SWARC members. Have you ever visited the QRZ.com homepage and wondered about the cryptic information presented in the tile reporting out HF, VHF, and solar conditions all means? Acronyms such as SFI, SN, 304A, K, A, and MUF US Boulder – what does that mean and why should we care? Well Richard, via Carl's wonderfully detailed presentation, explained it all. The presentation was a great refresher on what we all learned studying for our license exams but may have since faded from memory – at least for me. Content covered in the presentation included basics about the Sun, Ionosphere, HF Propagation, Solar Cycles, Space Weather, and our current Cycle 25. If you missed Richard's 'rebroadcast' of Carl's presentation the good news is that you can view a copy of the slides in pdf format at the following URL on the RARS home page: <https://www.rars.org/>.

Richard concluded the meeting at 7:58pm.

MEMBERSHIP

Just a reminder that it is that time again to pay membership dues.

\$30 for individual and \$5 for each family member.

You can bring a check or cash to the next meeting or mail them to the club PO box and Christy will let me know she has received them so I can update the list. If you mail them, give me a heads up so I can mark it as pending on the roster.

Makes checks payable to South Wake ARC.

If you are going to mail it, send it to South Wake ARC – PO Box 1565 – Fuquay Varina, NC 27526

I will be developing an online form so new members can fill out the application online and mail or bring a check to a meeting.

I will be reaching out to all members here soon to make sure I have the latest contact information, addresses, etc so I can make sure the membership list reflects current information.

Thanks,

Gary Plante

KO4LQX

NET REPORT

SWARC Group

We had three individuals who can be referred to as net check in champs; they are Bill, KK4QDZ, Bernie, N4BAJ, and Richard, K7RLH (who missed a whole week due to vacation).

Look at those counts! Notice that we are only showing folks who have checked in more than once? Why did we do that?! Because there were 42 recorded check-ins that came just once.

See you on the net.

net date	Callsign count	Expr1000	NetCheckins
8/1/2021	15	KK4QDZ	15
8/2//2021	11	N4BAJ	13
8/8/2021	18	K7RLH	13
8/9/2021	17	K4QNW	11
8/10/2021	13	WA4TCJ	11
8/14/2021	16	WB4UFO	11
8/15/2021	14	KN4OEY	10
8/16/2021	19	KB4NC	10
8/18/2021	12	K9RDU	9
8/19/2021	11	KO4LZZ	9
8/22/2021	20	KM4IJK	8
8/23/2021	12	KO4FUD	8
8/24/2021	19	KD7AAG	7
8/25/2021	16	N4MRW	7
8/26/2021	15	N4BNC	7

8/29/2021	8	WA3JJG	7
8/30/2021	21	KO4MSN	6
		KI4WAI	6
		KO4LQX	6
		KO4SAV	5
		KG4JOK	4
		KJ4CVK	4
		KJ4WLG	3
		N4NCK	3
		K4WCA	3
		KO4DHJ	3
		W1JCA	2
		KK4QEE	2
		KO4LZT	2
		KM4ARS	2
		KO4IHM	2
		KK4BK	2
		K2OLT	2
		KN4JJU	2

While we are on the topic of nets, here is the plan for Net Controls while Kenny is recuperating from his first (and soon to be second) surgery.

- ALL noontime nets are cancelled for the foreseeable future--spread the word
- Saturday and Sunday evenings will be called by KT4JR & K7RLH
- KB4NC will call Monday evenings
- KA0GMY will call Tuesday evenings (backup is K7RLH)
- KJ4CVK to pick up Thursday evenings if available (KO4LZZ has volunteered

to call if Kenny is not available)

- Wednesday evening nets will continue to be called by board members
- Fridays will continue to be called by NC4MP
- And we need backups – JUST BECAUSE.

Please contact Richard Hall, K7RLH, if you are interested in calling one or more nets.

Public Service

Check the RARS web site often for Public Service opportunities.

BOARD OF DIRECTORS

President

Richard Hall--K7RLH

Vice President

Manny Garcia--KB4NC

Secretary

Andy McDaniel – KN4JJU

Treasurer

Christy Fernandini - KJ4AEO

Member-At-Large

Al Crawford – WA4TCJ

Member-At-Large

Bernie Jones – N4BAJ

Member-At-Large

Mike Gaither –

K4MWG

Member-At-Large

Brian Knox--KK4BK

Membership Chair

Gary Plante--KO4LQX

Appointed Positions

NET MANAGER

Kenny Souther-KJ4CVK

Special Events Director

Gino Fernandini –KI4YXO

Public Service Director

David Krum – NW3U

SWARC Mission Statement

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of its members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.

LINKS (if you have other links you want added then send them to me)

PRN

A Wide Area Digital Amateur Radio Network

www.ncprn.net

GigaParts

www.gigaparts.com

QRZ

www.qrz.com

Ham Radio Outlet HRO

www.hamradio.com

Raleigh Amateur Radio Society RARS

www.rars.org

Johnson Amateur Radio Society JARS

www.jars..net

South Wake Amateur Radio Club SWARC

www.southwakearc.com

ATTENTION

Our club is like other clubs, we have a mixture of memberships. We have everything from young pre-teen members to those who are “Advanced Teens”. The point is - make sure to check up on our older members occasionally to see if they could use any help. Someday you may be in their exact situation. Also, when you are advised by email or net contact that someone has a need or illness/loss/etc., reach out to them and give them encouragement and help with their needs if you can.

WHO HAVE YOU HELPED THIS MONTH?

ARRL News

ARLB021 FCC Application Fees Unlikely to Go into Effect Until 2022

The schedule of FCC amateur radio application fees likely will not go into effect before 2022. FCC staff confirmed during a recent virtual meeting with Volunteer Examiner Coordinators (VECs) that the agency is still working on the necessary changes to the Universal

Licensing System (ULS) software and other processes and procedures that must be in place before it starts collecting fees from amateur applicants. Earlier this year, the FCC said it would not start collecting fees from amateur applicants before this Summer. The new estimate is that the fees won't go into effect until early next year.

Once it's effective, the \$35 application fee will apply to new, modification (upgrade and sequential call sign change), renewal, and vanity call sign applications. All fees will be per application. Administrative update applications, such as those to change a licensee's name, mailing, or email address, will be exempt from fees. ARRL VEC manager Maria Somma, AB1FM, said Volunteer Examiner (VE) teams will not face the burden of collecting the \$35 fee.

"Once the FCC application fee takes effect, new and upgrade applicants will pay the exam session fee to the VE team as usual, but they'll pay the \$35 application fee directly to the FCC using the FCC Pay Fees system," she explained. When the FCC receives the examination information from the VEC, it will email a link with payment instructions to each successful candidate who then will have 10 days from the date of the email to pay.

The FCC Pay Fees system can be accessed at,

https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fapps2.fcc.gov%2FBatch_Filer%2Flogin.cfm&data=04%7C01%7C%7Ce0560c18c0464ee7dfee08d961a08a05%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C637648164403532326%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6Ik1haWwiLCJXVCi6Mn0%3D%7C1000&data=x5YxIMPeDGiHOr88ZptXF%2FID8ACxTNZ9fveelsUDEfw%3D&reserved=0.

After the fee is paid and the FCC has processed an application, examinees will receive a second email from the FCC with a link to their official license. The link will be good for 30 days. Licensees

also will be able to view, download, and print official license copies by logging into their FCC ULS account. The FCC no longer provides printed licenses.

Licensees can log into the ULS with their 10-digit FRN (FCC Registration Number) and password at any time to view and manage their license and application, print their license, and update anything in their FCC license record, including adding an email address.

FEE SCHEDULE:

INDIVIDUALS -

\$35 FEE: New, modification (upgrade and sequential call sign change), renewal, and vanity call sign applications. All fees will be per application.

NO FEE: Administrative updates, such as a change of name, mailing or email address, or license cancellation.

AMATEUR RADIO CLUBS -

\$35 FEE: New, renewal, trustee change, and vanity call sign applications. All fees will be per application.

NO FEE: Administrative updates, such as a change of name, mailing or email address, or license cancellation.

NNNN

Upcoming Contest(<https://www.contestcalendar.com/contestcal.html>)

Upcoming ARRL Section, State, and Division Conventions

Some conventions and hamfests may have been canceled or postponed due to the coronavirus pandemic. Check the [calendar of canceled events](#) on the ARRL website.

- September 10 - 11 -- [ARRL Illinois Section Convention](#) (2021 W9DXCC Convention), Naperville, Illinois
- September 10 - 11 -- [ARRL Arkansas State Convention](#), Queen Wilhelmena Hamfest, Mena, Arkansas
- September 10 - 12 -- [ARRL New England Division Convention](#) (Northeast HamXposition), Marlborough, Massachusetts
- September 12 -- [ARRL Southern New Jersey Section Convention](#) and Hamfest, Mullica Hill, New Jersey
- September 25 -- [ARRL Dakota Division Convention](#) (RRRA Hamfest), West Fargo, North Dakota
- September 25 -- [ARRL Washington State Convention](#) (Spokane Hamfest), Spokane Valley, Washington
- October 2 -- [ARRL Great Lakes Division Convention](#) (Vette City Hamfest), Bowling Green, Kentucky
- October 2 -- [ARRL South Carolina Section Convention](#) (Rock Hill Hamfest), Rock Hill, South Carolina
- October 8 - 9 -- [ARRL Florida State Convention](#) (Melbourne Hamfest), Melbourne, Florida
- October 8 - 9 -- [ARRL Louisiana State Convention](#) (Slidell EOC Hamfest), Slidell, Louisiana
- October 8 - 9 -- [ARRL Wyoming State Convention](#) (WY HamCon 2021), Cheyenne, Wyoming
- October 15 - 17 -- [ARRL Pacific Division Convention](#) (Pacificon), San Ramon, California
- October 16 -- [ARRL Wisconsin State Convention](#) (Wisconsin ARES/RACES Conference)

Find conventions and hamfests [in your area](#).
